



Video Collaboration

Board of Supervisors IT Sub-Committee Meeting

October 17, 2017

Business Case & Challenges



Video Conferencing



Business Use Cases

- Internal Agency Meetings
- Tele-Medicine (INOVA & other Health Care Providers)
- Vendor & Partner meetings, State Meetings
- Situational Awareness, Emergency Management, Meeting with other Jurisdictions via NCRNet
- Fairfax Court Video Arraignment, Witness Interview, Remote Lawyers
- Training & Instructional use
- HR Interviews for Recruitment

Challenges

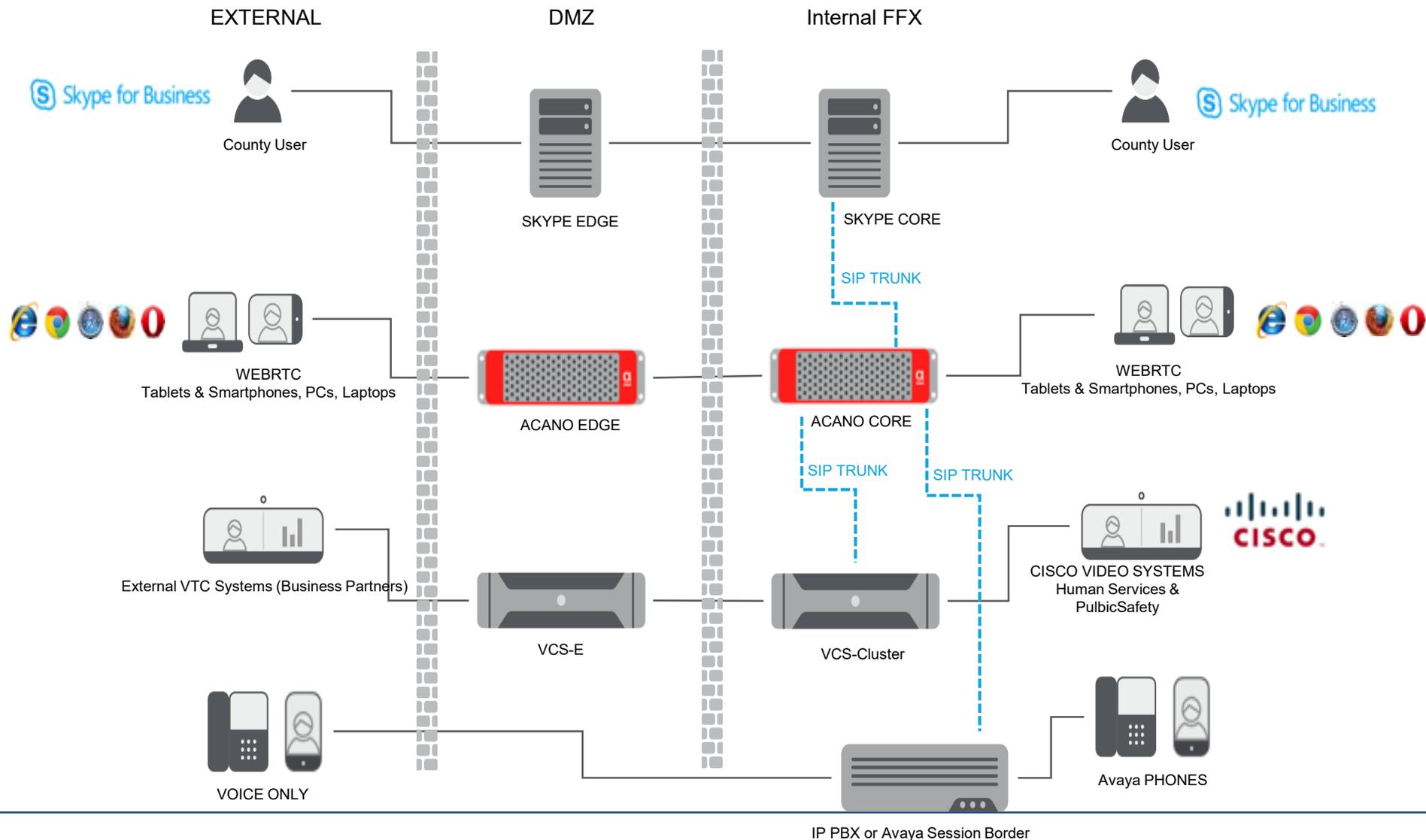
- Mobile Device & End User Interoperability
- Interoperability (Skype for Business, Cisco/Tandberg, iOS, Android, Windows Systems, Avaya Voice)
- Centralization
- Public Facing Presence

Benefits

- Supplements Travel & costs associated to travel (Gas, Vehicle, Traffic, etc.)
- Increase Productivity
- Learn, Present and teach remotely and collaboratively



Current Architecture



Complementing EXISTING INFRASTRUCTURE



Avaya Voice

Skype for Business FFX

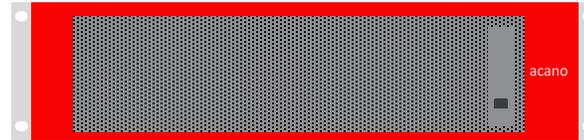
Cisco

Polycom

Browsers

VTC Systems

PREFERRED USER EXPERIENCE



EXISTING INFRASTRUCTURE

Skype for Business FFX

Audio
Infrastructure

Video
Infrastructure

Web
Conferencing

On-Going Enhancements

Building Redundancy

- High-availability for both Core and Edge systems with DR in mind

Exchange Integration

- Ability to schedule meetings using Outlook Calendar

Meeting Recordings

- Ability to Record Acano/Cisco Meeting Server Video Meetings.

Success Stories

CSB Telemedicine Program

- Telepsychiatry, Emergency Services, Patient Evaluation with INOVA, Dominion Health.
- Services can now be offered to more Health providers

Health Department

- Intra Agency Training, Meetings
- In the near Future, TeleMedicine use

Fairfax Courts

- Video Communications with other Jurisdictional Courts
- Remote Witnesses over Video

Public Safety

- Video Communications with other local County Jurisdictions via NCRNET
- Situational Awareness and Emergency Communications

Conference Room AV Project

- Project Description
 - Upgrades based on Conference Room 11 technology
 - Large Screen Display
 - Wired and Wireless Computer Connectivity
 - Videoconference Capable
 - Integrated Camera, Microphones, and Speakers
- Pilot Project – Phase 1
 - Mount Vernon Governmental Center
 - Conference Rooms in Pennino and Herrity Buildings

Conference Room AV Project

- Phase 2
 - Board Governmental Center Offices
 - Government Center Conference Center
- Phase 3
 - South County Government Center
 - Merrifield Center
 - Reviewing additional locations throughout the County
- Cable Communications Funding